

**Amendment to VALVE STEM PULLER AND METHOD OF  
INSTALLING AN INFLATING TUBE WITHIN A TIRE**

Mark W. Varnum, inventor

Serial No. 10/615,463

Filed July 7, 2003

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**In the Claims:**

**Claims 1 and 2 (canceled)**

**3.(amended) A method of installing an inflating tube in a tire comprising the steps of:**

utilizing a tire rim having an annular tire mounting cavity and a valve stem mounting hole;

utilizing a valve stem puller which has a length of chain which is connected at one end to a ring at an opposite end to an externally threaded plug;

installing a threaded nut on said chain;

inserting said length of chain through said valve stem mounting hole;

inserting a tire bead of a first sidewall of a tire casing in conjunction with said tire mounting cavity;

screwing said plug into a valve stem on said tube;

installing said tube within said tire connecting with said tire mounting cavity;

pulling on said chain until said valve stem is mounted in said valve stem mounting hole with said chain, plug and ring all located exteriorly of said tire rim;

threadably attaching said nut onto said valve stem;

inserting a tire bead of a second sidewall of said tire casing in conjunction with said tire mounting cavity; and

disconnecting said plug from said valve stem.

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**4.(amended) A method of installing an inflating tube in a tire comprising the steps of:**

utilizing a tire rim having an annular tire mounting cavity and a valve stem mounting hole;

utilizing a valve stem puller which has a length of chain which is connected at one end to a ring at an opposite end to an externally threaded plug;

installing a threaded nut on said chain;

inserting said length of chain through said valve stem mounting hole by installing said threaded plug through said ring;

inserting a tire bead of a first sidewall of a tire casing in conjunction with said tire mounting cavity;

screwing said plug into a valve stem on said tube;

installing said tube within said tire connecting with said tire mounting cavity;

pulling on said chain until said valve stem is mounted in said valve stem mounting hole with said chain, plug and ring all located exteriorly of said tire rim;

inserting a tire bead of a second sidewall of said tire casing in conjunction with said tire mounting cavity; and

disconnecting said plug from said valve stem.

**Claims 5-7 (canceled)**